



PICKERSGILL'S

NO 237 / 38 / 40

PROFILE

DECKS.

* *Northleigh*

SUNDERLAND BPT. NO. 32195

"CHULMLEIGH"

SUNDERLAND BPT. NO. 32379

"GODDLEIGH"

SUNDERLAND BPT. NO. 32494

NORTHLEIGH X



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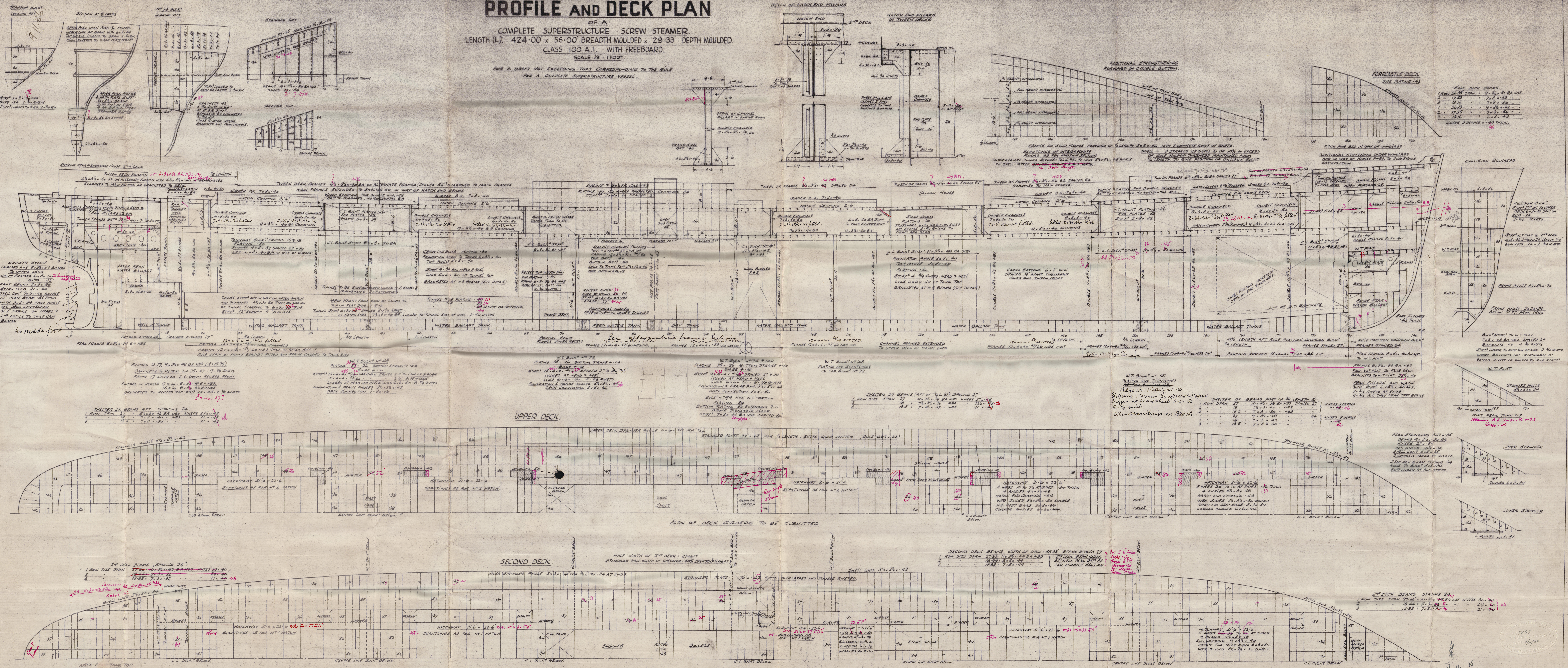
Lloyd's Register
Foundation

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PROFILE AND DECK PLAN

OF A
COMPLETE SUPERSTRUCTURE SCREW STEAMER.
LENGTH (L). 424.00 x 56.00 BREADTH MOULDED x 29.33 DEPTH MOULDED.
CLASS 100 A.I. WITH FREEBOARD.
SCALE 1/8" = 1 FOOT

FOR A DRAFT NOT EXCEEDING THAT CORRESPONDING TO THE RULE
FOR A COMPLETE SUPERSTRUCTURE VESSEL.



PICKERSGILL'S

N^o 237 38/40

MIDSHIP SECTION

"LITTLEIGH"

SUNDERLAND RPT. NO. 32195

"CHULMLEIGH"

SUNDERLAND RPT. NO. 32379

"GOODLEIGH"

SUNDERLAND RPT. NO. 32494

002647-0026520048



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MIDSHIP SECTION

COMPLETE SUPERSTRUCTURE SCREW STEAMER

LENGTH BP 424'0" x 56'0" BREADTH MLD x 29'4" DEPTH MLD.

TO CLASS 100 A1 WITH FREEBOARD CORRESPONDING TO A DRAUGHT NOT EXCEEDING THAT CONTEMPLATED BY THE RULES FOR G.S.S. VESSELS WITH TONNAGE OPENING.

SCALE 1/2" = ONE FOOT

NUMERALS

424'0" B=56'00" D=27'33"
1ST LONG. NUMERAL
L x D 424'00" x 27'33" = 15828
2ND LONG. NUMERAL
BREADTH MLD = 56'00"
DEPTH "D" = 27'33"
LENGTH "L" = 424'
L(B+D) = 39572

PROPORTIONS

L/D 424'0" - (29'33" + 8'50") = 11.208

EQUIPMENT NUMERAL

L(B+D) 424'0" x (56'00" + 27'33") = 39783.92
FORECASTLE 33' x 7' x 7'5" = 173.25
CASINGS 65'25" x 8' x 50" = 261.00
HOUSES 29'25" x 8' x 50" = 117.00
EQUIP. NUMERAL = 40335.17

SHEERSTRAKE 83 1/2% FOR 1/2 LTH TO 47' AT ENDS
BUTTS OVERLAPPED & QUADRUPLE RIVETTED FOR 1/2 LTH
TO TREBLE AT ENDS (RULE WIDTH 51")

STRAKE BELOW SHEERSTRAKE 83 1/2% FOR 1/2 LTH
TO 47' AT ENDS BUTTS OVERLAPPED & QUADRUPLE
RIVETTED FOR 1/2 LTH TO DOUBLE AT ENDS

EQUIPMENT (LETTER A)

1ST BOWER STOCKLESS 68 CWT'S COLLECTIVE
2ND " " 68 " " WEIGHT
3RD " " 58 1/2 " " 194 1/2 CWT'S
270 FMS OF 2 1/2" STUD CHAIN CABLE
90 " 1 1/2" STREAM CHAIN OR 6" STEEL WIRE
120 " TONLINE 4 3/4" G. 24 SPEC FLEX STEEL WIRE
2 @ 90 FMS 9" HEMP OR 2 3/4" WIRE HAWSER
2 @ 90 " 7 " 2 1/2 " "

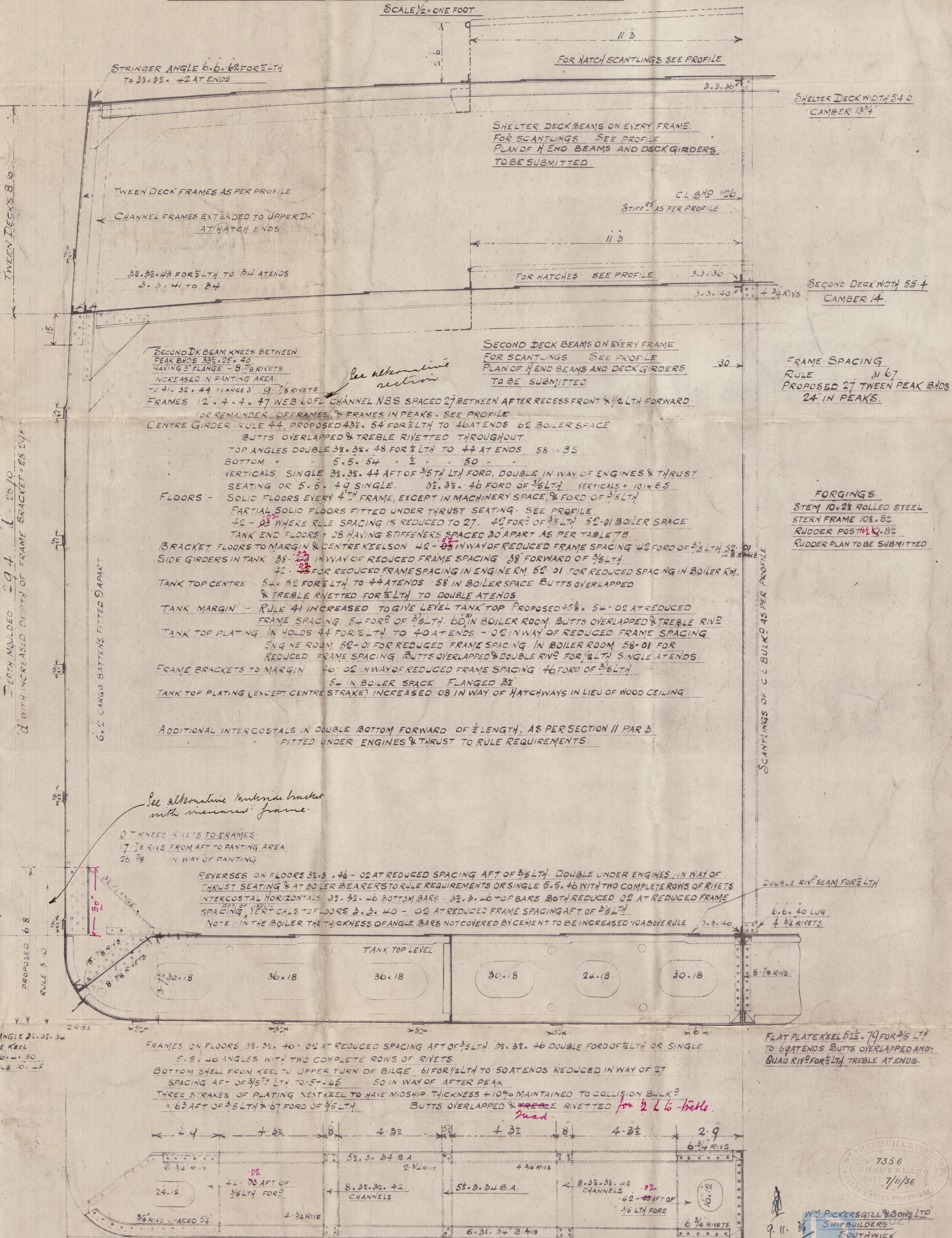
SIDE PLATING FROM UPPER TURN OF BILGE
TO STRAKE BELOW SHEERSTRAKE 61' FOR 1/2 LTH
TO 47' AT ENDS, REDUCED IN WAY OF 27"
SPACING AFT OF 3/5 LTH FORD TO 57' - 42"
BUTTS OVERLAPPED & TREBLE RIV
SIDE PLATING IN WAY OF PANTING AREA
INCREASED AS PER PROFILE

ALL PLATES CONNECTED TO STERN
FRAME 61" THICK

BOSS PLATES 72" THICK

FRAME BRACKET AND GUSSET ATTACHMENTS

POSITION	FME SP RULE	FME SP PNC	OT BKT TO MARGIN	GUSSET EVERY FRAME	FLOORING BKT TO MARGIN
FROM AFT TO 1/4 LTH FROM STEM	31'6"	27'	6'0" - 44" 15'7" RIV	35'3" - 40" 5'7" RIV	0'33" - 44" 15'8" RIV
FROM 1/4 LTH FROM STEM TO 3/5 LTH	31'6"	27'	6'0" - 44" 15'7" RIV	35'3" - 40" 5'7" RIV	0'33" - 44" 15'8" RIV
3/5 LTH FROM STEM TO 10% AFT OF RULE	27'	27'	6'0" - 44" 15'7" RIV	35'3" - 40" 5'7" RIV	0'33" - 44" 15'8" RIV
10% AFT OF RULE POSITION COLL. 3 RD TO COLL. 8 TH	27'	27'	DOUBLE 6'5" - 44" 9'7" RIV	5'5" - 57" 9'7" RIV	DOUBLE 5'5" - 44" 9'7" RIV



SECTION SHOWING INTERMEDIATE BRACKET FLOORS.

Nº 237-

7356
DATE 7/11/36

WM PICKERSGILL & SONS LTD
SHIPBUILDERS
SUNDERLAND

Register
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Pickersells

No 237/8/40

Sterngramm

"Northleigh"

SUNDERLAND RPT. NO. 32195



"CHULMLEIGH"

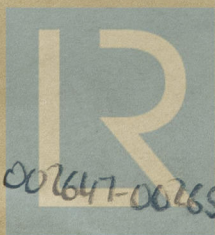
SUNDERLAND RPT. NO. 32379

"GOODLEIGH"

SUNDERLAND RPT. NO. 32494

"WINKLEIGH"

SUNDERLAND RPT. NO. 32867.



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002647-002652-0047

10.11.36

PROPOSED STERNFRAME.

No 237-8.

SCALE:- $\frac{1}{2}$ " = 1 FOOT. DETAILS: 1" = 1 FT.

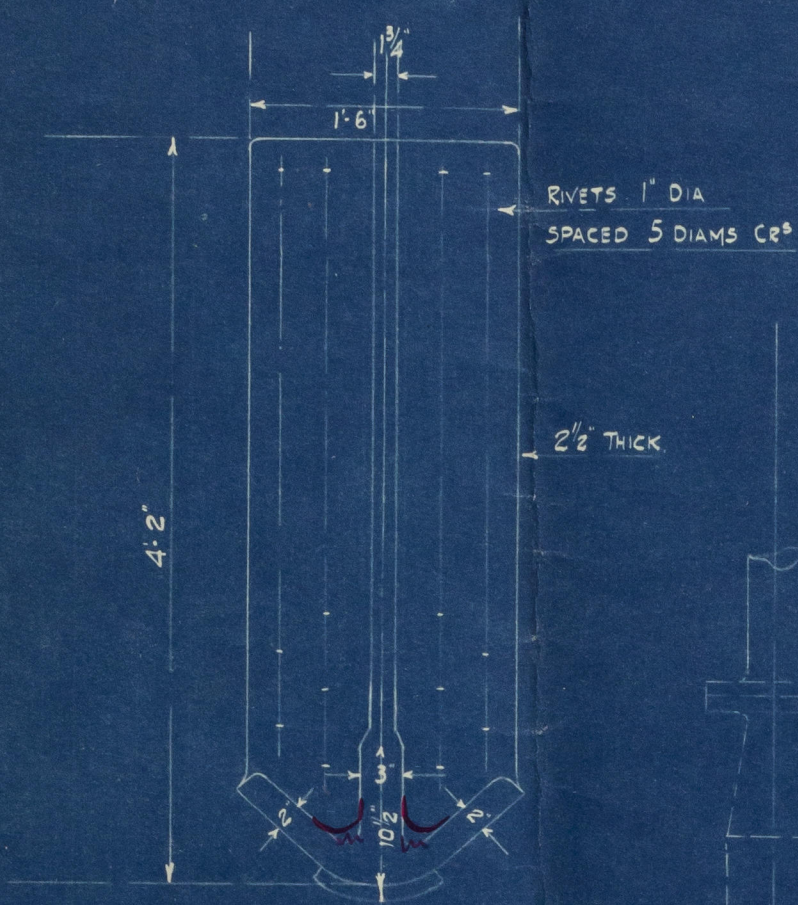
TO BE OF CAST STEEL.

L x D = 15828.

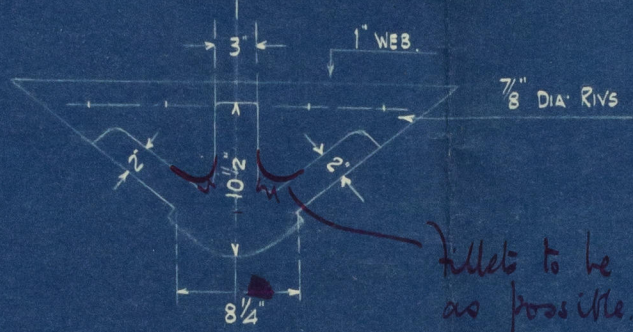
[424 x 37.33]

LLOYDS SURVEY

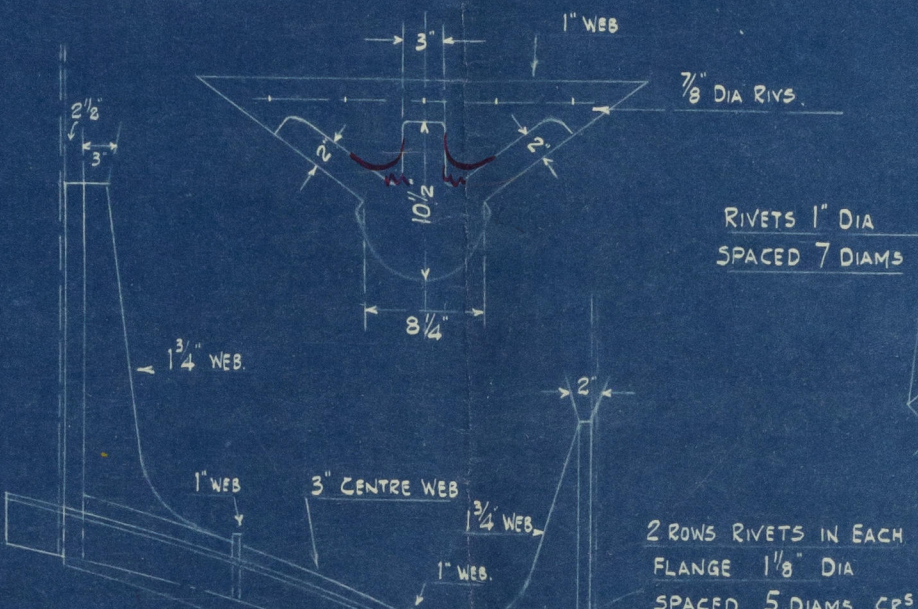
SECTION AT TRANSOM



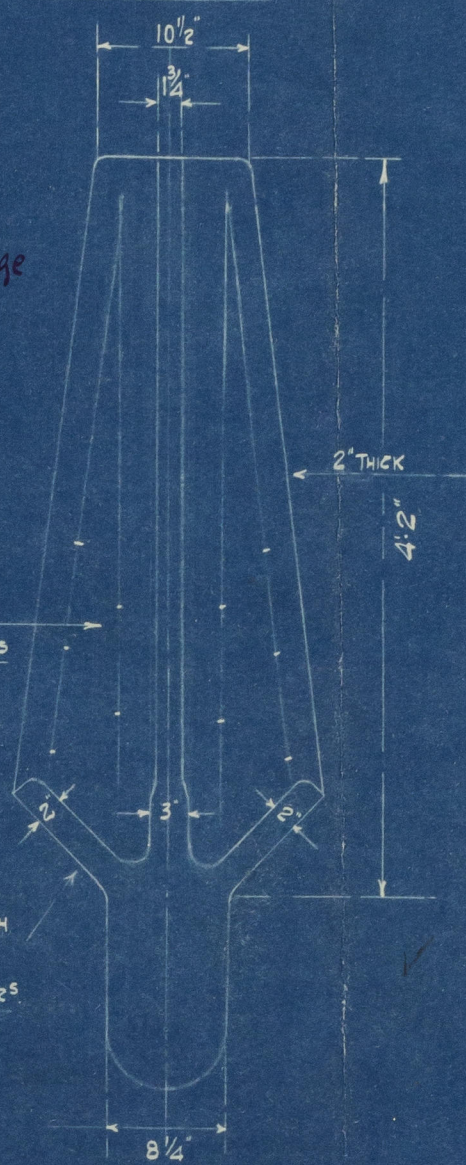
SECTION AT N° 1 FRAME



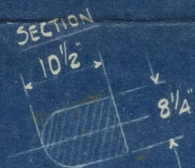
SECTION AT N° 2 FRAME



SECTION AT N° 3 FRAME



SEE SEPARATE PLAN
OF BALANCED REACTION
RUDDER.



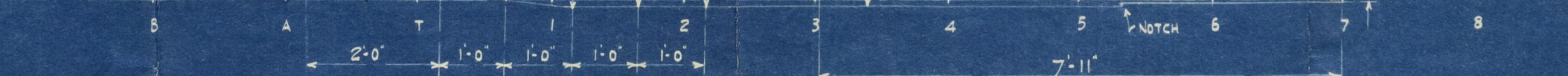
DETAIL OF BOSS

2 ROWS OF RIVETS ABOVE
BOSS 1 1/8" DIA
SPACED 5 DIAM APART CR.



3 ROWS OF RIVETS BELOW
BOSS 1 1/8" DIA
SPACED 5 DIAM APART CR.

BASE LINE 7



FRAME SPACING 2' 0"

WM PICKERSGILL & SONS LTD
SHIPBUILDERS
SOUTHWICK
SUNDERLAND.

WM PICKERSGILL & SONS LTD
No 7374
SUNDERLAND
DATE 18/11/36
IRON & STEEL SHIPBUILDERS